

KAKACH, M. S.

25728 Ulychnost'khlorchatnika. Seleksiya i semenovodstvo, 1949 No 2, s.  
22-29

SO: Letopis' Zhurnal'nykh Statey, Vol. 34, 1949

BABAYEV, A.G.; LEEZIN, Ye.V.; SIMONENKO, A.N.; KUSHNIROV, I.V.;  
NUGMANOV, A.Kh., kand. geol.-miner. nauk, otd. red.;  
KANASH, O.A., red.; KARABAYEVA, Kh.U., tekhn. red.

[Bukhara-Khiva oil and gas area; geology, types of oil and  
gas occurrences, their distribution and formation] Bukharo-  
Khivinskaia neftegazonosnaia oblast'; geologicheskoe stro-  
enie, tipy skoplenii nefti i gaza, zakonomernosti ikh raz-  
meshcheniia i formirovaniia. [By] A.G. Babaev i dr. Tashkent,  
Izd-vo Akad. nauk UzSSR, 1963. 130 p. (MIRA 16:7)  
(Uzbekistan--Petroleum geology)  
(Uzbekistan--Gas, Natural--Geology)

PRYAKHIN, M.I., kand.biol. nauk, otv. red.; KANASH, O.A., red.;  
ASTAKHOV, A., red.; GOR'KOVAYA, Z.P., tekhn. red.

[New industrial crops in Uzbekistan] Novye tekhnicheskie kul'-  
tury v Uzbekistane. Tashkent, Izd-vo Akad. nauk Uzbekskoi SSR,  
1962. 137 p. (MIRA 15:7)

1. Akademiya nauk Uzbekskoy SSR, Tashkent. Institut botaniki.  
(Uzbekistan--Botany, Economic)

MUKHAMEDZHANOV, M.V.; RYZHOV, S.N., doktor sel'khoz. nauk, otd. red.;  
KANASH, O.A., red.; KARABAYEVA, Kh.U., tekhn. red.

[Crop rotation and deepening of the arable layer in cotton-growing areas] Sevocboroty i uglublenie pakhotnogo sloia pochvy v raionakh khlopkovodstva. Tashkent, Izd-vo Akad. nauk UzSSR, 1962. 263 p. (MIRA 15:7)

1. Chlen-korrespondent Vsesoyuznoy akademii sel'skokhozyaystvennykh nauk im. V.I.Lenina (for Ryzhov).

(Russia, Southern—Cotton growing)  
(Rotation of crops)

PETROV, N.P.; CHISTYAKOV, P.A.; BABAYEV, A.G., doktor geol.-miner. nauk, otv. red.; KANASH, O.A., red.

[Lithology of salt and red-bed sediments in the south-western spurs of the Gissar Range] Litologiya solevykh i krasnotsvetnykh otlozhenii iugo-zapadnykh otrogov Gissara. Tashkent, Izd-vo "Nauka," 1964. 220 p. (MIRA 17:5)

1. KANASH, P.
2. SSSR (600)
4. Ukraine-Cotton Growing
7. Prospects for developing cotton growing in the region of the South Ukrainian Canal and the Kakhovka Reservoir.  
Khlyopkovodstvo No. 9, 1952
9. Monthly List of Russian Accessions, Library of Congress, February 1953. Unclassified.

PROTCHENKO, V., inzh. (Minsk); KANASH, P., ekonomist (Kiyev); VYASCHENOK, V.,  
inzh. (Kiyev)

Improvement of the operation of drainage systems; in response to  
V.M. Zubet's article. Gidr. i mol. 16 no.4:27-30 Avg '64.  
(MRA 17:10)

PETROV, V.F.; FIRSOV, B.P., zasluzhenny agronom Tadzhikskoy SSR; KANASH,  
S.S., otvetstvennyy redaktor; KNOPOV, B.I., redaktor izdatel'stva;  
"GOR'KOVAYA, Z.P., tekhnicheskiy redaktor

[Progressive practices of Tajik cotton growers in obtaining high  
cotton yields] Peredovoi opyt khlopkorobov Tadzhikistana v polu-  
chenii vysokikh urozhayev khlopka. Tashkent, Izd-vo Akademii nauk  
Uzbekskoi SSR, 1955. 46 p. (MLRA 10:1)

1. Chlen-korrespondent Akademii nauk Tadzhikskoy SSR (for Petrov)  
(Tajikistan--Cotton growing)

KANASH, S.S.

MAL'TSOV, A.M.; ALIMOV, P.A., redaktor; YEREMENKO, V.Ye., redaktor; ZAKIROV, K.Z., akademik, redaktor; KANASH, S.S., akademik, redaktor; KOROVIN, Ye.P., akademik, redaktor; MUKHAMEDZIANOV, M.V., akademik, redaktor; HASIYEV, M.N., akademik, redaktor; RYZHOV, S.N., redaktor; SADYKOV, S.S., redaktor; UZENBAYEV, Ye.Kh., doktor sel'skokhozyaystvennykh nauk, redaktor; MIL'MAN, Z.A., redaktor izdatel'stva; BABAKHANOVA, N.G., tekhnicheskiy redaktor

[The cotton plant] Khlopchatnik. Tashkent, Izd-vo Akademii nauk Uzbekskoi SSR. [Introductory volume: The cotton plant and the use of its fiber] Vvedenie: Khlopchatnik i ispol'zovanie volokna. 1956. 128 p. (MIRA 10:3)

1. Tashkent. Vsesoyuznyy nauchno-issledovatel'skiy institut khlopkovodstva. 2. Chlen-korrespondent Akademii nauk UzSSR (for Alimov, Yeremenko, Mal'tsov, Sadykov, Kanash). 3. Vsesoyuznaya Akademiya sel'skokhozyaystvennykh nauk im. Lenina (for Kanash). 4. Chlen-korrespondent Vsesoyuznoy Akademii sel'skokhozyaystvennykh nauk im. Lenina (for Ryzhov)  
(Cotton)

*Материалы конференции*  
KANASH, S.S., akademik, red.; CHERNYAVSKAYA, A.B., red.izd-va; SALIMOVA, D.,  
tekhn.red.

[Papers at an interrepublic conference on the coordination of research  
in cotton growing, March 5-12, 1957; reports and scientific papers]  
Materialy Muzhrespublikanskogo soveshchaniya po koordinatsii nauchno-  
issledovatel'skikh rabot po khlopkovodstvu, 5-12 marta 1957 g.;  
otchetnye doklady i nauchnye soobshcheniya. Tashkent, Izd-vo Akad.  
nauk UzSSR, 1957. 258 p. (MIRA 11:3)

1. Muzhrespublikanskoye soveshchaniye po koordinatsii nauchno-  
issledovatel'skikh rabot po khlopkovodstvu. Tashkent, 1957. 2.  
Akademiya nauk UzSSR i Vsesoyuznaya akademiya sel'skokhozyaystven-  
nykh nauk im. V.I.Lenina (for Kanash)  
(Cotton growing)

K A N A S H . S .

ALIMOV, R.A., red.; YEREMENKO, V.Ye., red.; ZAKIROV, K.Z., akademik, red.;  
KANASH, S.S., akademik, red.; MUKHAMEDZHANOV, M.V., akademik, red.;  
NAFIYEV, M.N., akademik, red.; RYZHOV, S.N., red.; SADYKOV, S.S., red.;  
YAKHONTOV, V.V., red.; BUGAYEV, V.A., kand.fiz.-mat.nauk, otvetstvennyy  
red.; PANKOV, M.A., prof., doktor sel'skokhozyaystvennykh nauk,  
otvetstvennyy red.; KURANOVA, L.I., red. izd-va; GOR'KOVAYA, Z.P.,  
tekhn.red.

[The cotton plant] Khlopchatnik. Tashkent. Vol.2. [Climate and  
soils in cotton growing regions of Central Asia] Klimat i pochvy  
khlopkovykh raionov Srednei Azii. 1957. 626 p. (MIRA 11:1)

1. Chlen-korrespondent AN UzSSR (for Alimov, Yeremenko, Sadykov,  
Yakhontov). 2. Deystviteль'nyy chlen Akademii sel'skokhozyaystvennykh  
nauk UzSSR (for Yeremenko, Mukhamedzhanov, Ryzhov). 3. AN UzSSR  
(for Zakirov, Kanash, Mukhamedzhanov, Nabiyev). 4. Vsesoyuznaya  
akademiya sel'skokhozyaystvennykh nauk im. V.I. Lenina (for Kanash,  
Ryzhov). 5. Akademiya nauk Uzbekskoy SSR, Tashkent. Institut  
matematiki i mekhaniki.

(Soviet Central Asia--Soils) (Soviet Central Asia--Climate)  
(Cotton)

Country : USSR  
Category: Cultivated Plants. Commercial. Oil-Bearing.  
Sugar-Bearing.

M

Abs Jour: RZhDiol., No 11, 1958, No 49019

Author : Kanash, S.S.

Inst : AS Uzbek SSR

Title : Results in the Scientific Research on Cotton Cultivation in the Academy of Sciences Uzbek SSR in 1956.

Orig Pub: V sb.: Materialy Mezhresp. soveshchaniya po kooordinatsii  
nauchno-issled. rabot po khlopkovodstvu, 1957, g.  
Tashkent, AN UzSSR, 1957, 7-22

Abstract: No abstract.

Card : 1/1

M-105

KANASH, S. S.

M

USSR/Technical Crops. Oil Plants. Sugar Plants.

Abs Jour: Ref Zhur-Diol., No 17, 1958, 77735.

Author : Kanash, S. S.

Inst :

Title : Results and Perspectives of the Development of Soviet  
Cotton Selection.

Orig Pub: Khlopkovodstvo, 1957, No 12, 38-44.

Abstract: The USSR occupies first place in the world for cotton harvests. These results are connected with the successes in the area of selection and seed growing of cotton. For 25-30 years in the USSR, 4 variety changes of cotton have been carried out. Egyptian cotton crop was assimilated and in the beginning its fine-fibrous varieties (2IZ, 35-1 and others) were

Card : 1/2

APPROVED FOR RELEASE: 08/10/2001 Sugar Plants CIA RDP86-00513R000620320014-3" M

USSR/Technical Crops. Oil Plants.

Abs Jour: Ref Zhur-Diol., No 17, 1958, 77735.

created. The fourth variety change took place in 1946-1950, and earlier maturing varieties were introduced: 108-F, 138-F, 1298 and others, as well as fine-fibrous furunculosis resistant varieties - 504-V, 10964, 23-F, high yielding fine-fibrous varieties of the Iolantam station: 5476-I, 5904-I, new forms of cotton with colored fiber. Soviet selectors use methods of selection of related pairs within close and distant forms of cotton, with calculation of their stability and previous conditions of growth; they combine hybridization with directed training and selection and they use the method of forcing pollination. -- D. L. Klyachko-Gurvich.

Card : 2/2

KANASH, S.S.

United Scientific Session on Cotton Growing. Uzb.biol.zhur. no.1:87  
58. (MIRA 11:12)  
(Cotton growing--Congresses)

KANASH, S.S.

Scientific anniversary session of the Academy of Sciences of the  
Uzbek S.S.R. Uzb.biol.zhur. no.1:87-88 '58. (MIRA 11:12)  
(Uzbekistan--Biology)

KANASH, S.S., akademik; MAL'TSEV, A.M.; VLASOVA, N.A.; PASHCHENKO, Z.M.; ROZHANOVSKIY, S.Yu.; MAUYER, F.M.; MOKEYEVA, Ye.A.; KLYUYEV, G.A.; BURYGIN, V.A.; SHLEYKHER, A.I.; RUMI, V.A.; ROMANOV, I.D.; AVTONOMOV, A.I., otv.red.; MUKHAMEDZHANOV, M.V., akademik, glavnnyy red.; RYZHOV, S.N., akademik, zamestitel' glavnogo red.; ALIMOV, R.A., red.; DABADAYEV, A.D., akademik, red.; DZHALILOV, Kh.M., kand. ekon.nauk, red.; YEREMENKO, V.Ye., akademik, red.; ZAKIROV, K.Z., akademik, red.; MANNANOV, N.M., akademik, red.; NABIYEV, M.N., akademik, red.; SADIKOV, S.S., red.; TOGOYEV, I.N., kand.ekon.nauk, red.; YAKHONTOV, V.V., red.; KURANOVA, L.I., red.izd-va; RAKHMANOVA, M.D., red.izd-va; BARTSEVA, V.P., tekhn.red.

[Cotton] Khlopchatnik. Tashkent. Vol.3. [Structure and development of cotton] Stroenie i razvitiye khlopchatnika. 1960. 402 p.  
(MIRA 13:10)

1. Akademiya nauk Uzbekskoy SSR, Tashkent. 2. Akademiki UzSSR (for Kanash, Mukhamedzhanov, Zakirov, Nabiiev). 3. Vsesoyuznaya akademiya sel'skokhozyaystvennykh nauk imeni V.I.Lenina (for Kanash). 4. Tsentral'naya selektsionnaya stantsiya Vsesoyuznogo nauchno-issledovatel'skogo instituta khlopkovodstva Uzbekskoy akademii sel'skokhozyaystvennykh nauk (for Kanash). 5. Tashkentskiy sel'skokhozyaystvennyy institut (for Mal'tsev, Shleykher). 6. Institut genetiki i fiziologii rasteniy AN UzSSR (for Vlasova, Mauyer, Klyuyev, Rumi, Romanov).

(Continued on next card)

KANASH, S.S. ---- (continued) Card 2.

7. Sredneaziatskiy gosudarstvennyy universitet (for Pashchenko).
8. Institut botaniki AN UzSSR (for Bozhanovskiy, Mokeyeva, Burygin).
9. Chleny-korrespondenty AN UzSSR (for Avtonomov, Alimov, Yeremenko, Sadykov, Yakhontov).
10. Uzbekskaya Akademiya sel'skokhozyaystvennykh nauk (for Mukhamedzhanov, Ryzhov, Dadsbayev, Yeremenko, Zakirov, Mannanov).

(Cotton)

DADABAYEV, A.D., akademik, glavnnyy red.; KANASH, S.S., akademik, zamesttel' glavnogo red.; UCHEVATKIN, F.I., otd.red.; AVTONOMOV, A.I., red.; ALEKSANDROV, A.S., kand.sel'skokhoz.nauk, red.; ARUTYUNOVA, L.G., kand.biol.nauk, red.; VELIYEV, I.M., kand.sel'skokhoz.nauk, red.; KASSIRSKIY, A.A., red.; KRASICHKOV, I.P., akademik, red.; MAKSIMENKO, I.K., akademik, red.; MAL'TSEV, A.M., red.; MANNANOV, N.M., akademik, red.; MUKHAMEDZHANOV, M.V., akademik, red.; SADIKOV, S.S., red.; STRAUMAL, B.P., kand.sel'skokhoz.nauk, red.; SHAFRIN, A.M., zasluzhennyy agronom Uzbekskoy SSR, red.; KURANOVA, I.I., red.; MEDOVAR, TS.I., red.; SOROKINA, Z.I., tekhn.red.

[Materials of the All-Union Conference on Cotton Breeding and the Production of Cottonseed] Materialy Vsesoiuznogo soveshchaniia po selektsii i semenovodstvu khlopchatnika. Tashkent, Uzbekskaya Akad.sel'skokhoz.nauk, 1960. 383 p. (MIRA 13:11)

1. Vsesoyuznoye soveshchaniye po selektsii i semenovodstvu khlopchatnika. 2. Uzbekskaya Akademiya sel'skokhozyaystvennykh nauk (for Dadabayev, Mannanov, Mukhamedzhanov). 3. Vsesoyuznaya akademiya sel'skokhoz.nauk im. V.I.Lenina (for Kanash, sel'skokhoz.nauk im. V.I.Lenina (for Kanash, Mukhamedzhanov)). 4. AN UzSSR (for Kanash, sel'skokhoz.nauk (for Uchevatin)). 5. Chlen-korrespondent Uzbekskoy Akademii sel'skokhoz.nauk (for Uchevatin). 6. Chleny-korrespondenty AN UzSSR (for Avtonomov, Mal'tsev, Sadykov). 7. AN Tadzh.SSR (for Krasichkov, Maksimenko).

(Cotton breeding--Congresses) (Cottonseed)

KANASH, S.S., akademik, otv. red.; SHARDAKOV, V.S., kand. biol. nauk, otv. red.; GUBANOV, G.Ya., kand. biol. nauk, otv. red.; YEHIL-LEYEV, Kh.Kh., doktor biol. nauk, otv. red.; MUKHAMEDZHANOV, M.V., akademik, red.; RYZHOV, S.N., akademik, red.; ALIMOV, R.A., red.; DADABAYEV, A.D., akademik, red.; DZHALILOV, Kh.M., kand. ekon. nauk, red.; YEREMENKO, V.Ye., akademik, red.; ZAKIROV, K.Z., akademik, red.; MANNANOV, N.M., akademik, red.; NABIYEV, M.N., akademik, red.; SADYKOV, S.S., red.; TOGOYEV, I.N., kand. ekon. nauk, red.; YAKHONTOV, V.V., red.; PETROV, V.G., kand. sel'khoz. nauk, red. [deceased]; RAKHMANOVA, M.D., red.; BARTSEVA, V.P., tekhn. red.; KARABAYEVA, Kh.U., tekhn. red.

[Cotton] Khlopchatnik. Tashkent. Vol.4. [Physiology and biochemistry of cotton] Fiziologiya i biokhimiya khlopchatnika. (MIRA 14:5) 1960. 704 p.

1. Akademiya nauk Uzbekskoy SSR, Tashkent. 2. Akademiya nauk Uzbekskoy SSR (for Mukhamedzhanov, Kanash, Zakirov, Nabiiev, Yakhontov, Yeremenko) 3. Uzbekskaya akademiya sel'skokhozyaystvennykh nauk (for Mukhamedzhanov, Ryzhov, Dadabayev, Yeremenko, Zakirov, Mannanov) 4. Chleny-korrespondenty AN UzSSR (for Alimov, Yeremenko, Sadykov, Yakhontov) 5. Vsesoyuznaya akademiya sel'skokhozyaystvennykh nauk im. V.I.Lenina (for Kanash)

(Cotton)

KOLYAROVA, Lidiya Fedotovna, kand. sel'khoz. nauk; KANASH, S.S., akademik, otv. red.; BOYKO, A.N., red.; SOROKINA, Z.I., tekhn. red.

[Cottonseed production in the Uzbek S.S.R.] Semenovodstvo khlopchatnika v Uzbekskoi SSR. Tashkent, M-vo sel'skogo khoz. UzSSR, 1962. 59 p. (MIRA 17:1)

KANASH, S.S., akademik

Controlled transformation of heredity in cotton. Agrobiologija  
no. 3:352-357 My-Je '64. (MRA 17:7)

1. Nauchno-issledovatel'skiy institut selektsii i semenovo stva  
khlopychatnika, Tashkent.

BOCHAROV, M.A., inzh. (Kirovogradskaya obl.); KANASH, V.P., inzh.  
(Kirovogradskaya obl.)

Wide vistas of the sea,... Nauka i zhyttia 10 no. 10:21-25 0 '60,  
(MIRA 14:4)  
(Dnieper River—Water resources development)

KANASHCHENKO, L.A.

Treating coccidiosis in chicks. Veterinariia 32 no.11 N '55.  
(MLRA 8:12)  
1.Predsedatel' kolkheza imeni Stalina, Nare-Fominskogo rayona,  
Moskovskoye oblasti.  
(POULTRY--DISEASES) (COCCIDIOSIS)

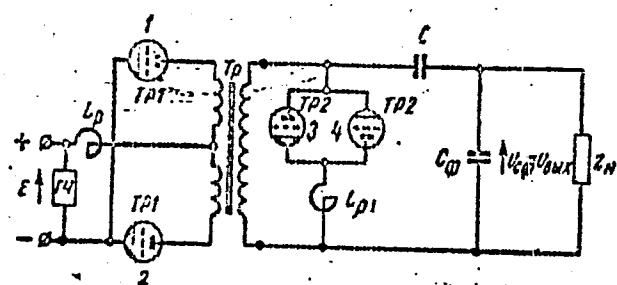
AC: NR: AT6021542

SOURCE CODE: UR/2995/65/000/011/0303/0326

AUTHOR: Kanashchenko, N. A.; Leshukov, N. D. (Candidate of technical sciences);  
Shipulina, N. A.

ORG: none

TITLE: Autonomous 12-kw, 220-v, 50-cps parallel-series inverter

SOURCE: Nauchno-issledovatel'skiy institut postoyannogo toka. Izvestiya, no. 11,  
1965. Peredacha energii postoyannym i peremennym tokom (D.c. and a.c. power  
transmission), 303-326TOPIC TAGS: dc ac inverter, autonomous inverter, <sup>current</sup>thyatron, electronicABSTRACT: The development of a new 12-kw, 220-v, 50-cps separately-excited  
parallel-series-circuit (see figure) inverter by the NIIPt institute is  
reported. Intended for emergency supply of telecommunication plants,  
the new inverter uses thyatrons, each of them being fired after the  
preceding one has been completely extinguished. Design data and test  
results of this inverter are set forth

Card 1/2

ACC NR: AT6021542

in detail; waveshapes of currents and voltages at no-load and full load are shown. Conclusions: (1) Voltages across the thyratrons and main transformer exceed the input voltage by several times; under stationary conditions, the anode voltages may reach a value 6-7 times the input voltage; the voltage across the transformer output winding is 3-4 times as high as the input voltage; (2) By proper proportioning of the series and parallel capacitances, the output voltage can be made fairly stable; (3) With high-speed automatic voltage regulation, the above inverter keeps the output voltage stable within  $\pm 3\%$  when the input voltage varies from 200 to 240 v and the load p.f., from 1.0 to 0.8; (4) The inverter frequency varies by  $\pm 1\%$  when the d-c input voltage fluctuates; (5) The inverter efficiency is 70%. Orig. art. has: 13 figures, 11 formulas, and 2 tables.

SUB CODE: 09 / SUBM DATE: 15Nov64 / ORIG REF: 008 / OTH REF: 006

Card 2/2

GATSULAYEV, S.S.; KANASHCHUK, V.F.; REZNICHENKO, G.D.; NAUMOVA, K.A.

Development of a gas field with bottom water. Gaz. delo no.11:  
3-6 '64. (MIRA 18:2)

1. Stavropol'skaya KNIL Vsesoyuznogo nauchno-issledovatel'skogo  
instituta prirodnogo gaza.

ACC NR: AP6024445

SOURCE CODE: UR/0016/66/000/007/0103/0107

AUTHOR: Basova, N. N.; Filimonova, Yu. A.; Kanchukh, A. A.

ORG: Rostov-on-Don Antiplague Institute (Rostovskiy-na-Donu protivochumnyy institut)

TITLE: Antimicrobial and antitoxic immunity in experimental plague

SOURCE: Zhurnal mikrobiologii, epidemiologii, i immunobiologii, no. 7, 1966, 103-107

TOPIC TAGS: immunity, antitoxin immunity, plague toxin, bacterial toxin, toxin resistance, toxoid immunization, Pasteurella pestis, plague microbe, ~~toxin~~

ABSTRACT: Bioassay and serological methods were employed in a comparative study of immunity and toxin resistance in groups of mice receiving single immunizations with *P. pestis* "toxoid" fraction I, and a mixture of both antigens. Twenty gamma of fraction I were given and 100 gamma of toxoid containing 1% fraction I were administered. The antigen mixture took effect within 24 hr, while the fraction I group did not show immunity until 8 to 26 days after injection. After 26 days the level of resistance to infection in both groups was about the same. Toxin resistance was highest in the group inoculated with toxoid

Card 1/2

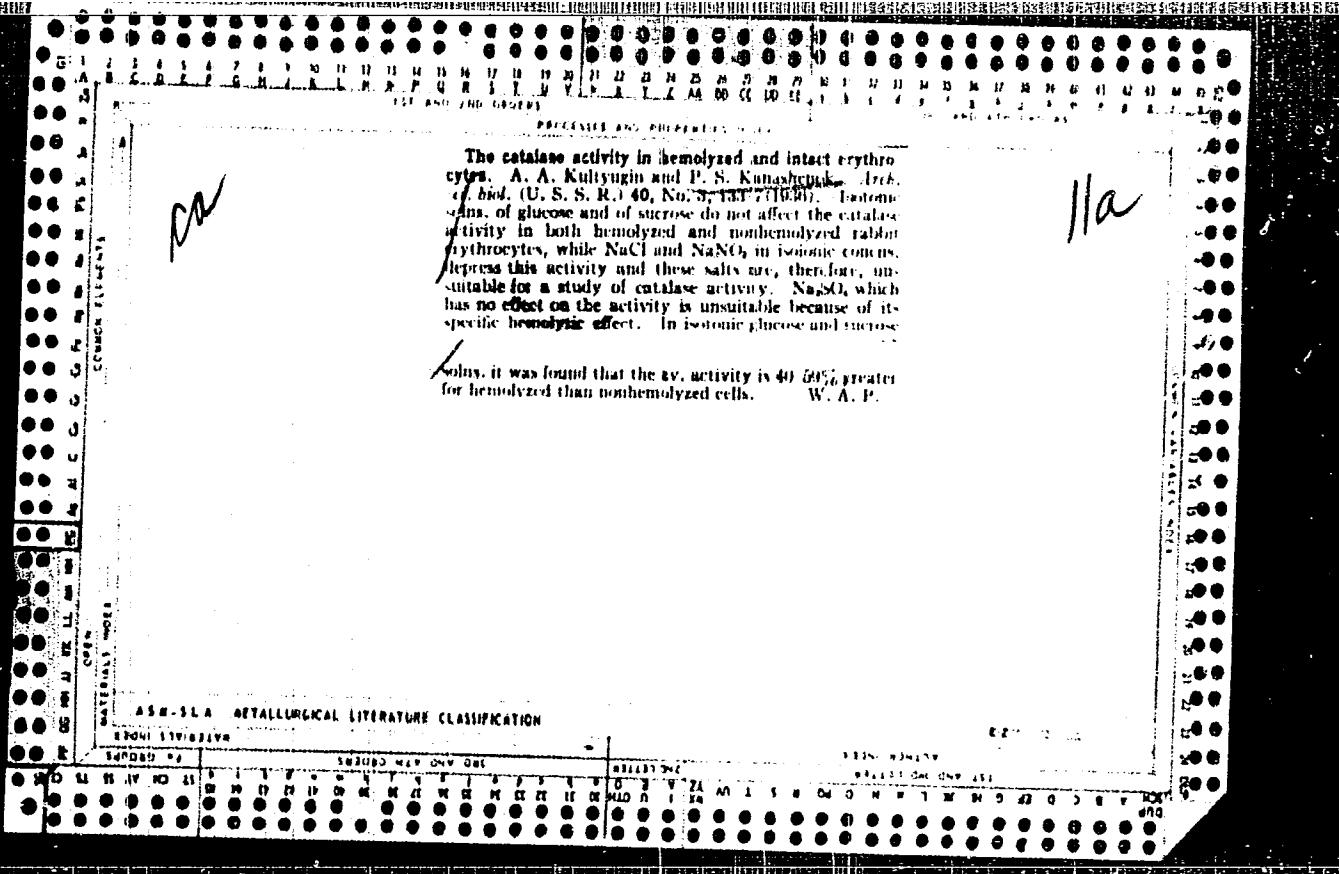
UDC: 615.778.8-03:614.449.57

ACC NR: AP6024445

alone. None of the mixtures protected against toxin earlier  
than 24 hr. after vaccination. [WA-50; CBE No. 12]

SUB CODE: 06/ SUBM DATE: 04Jan65/ ORIG REF: 006/ OTH REF: 007/

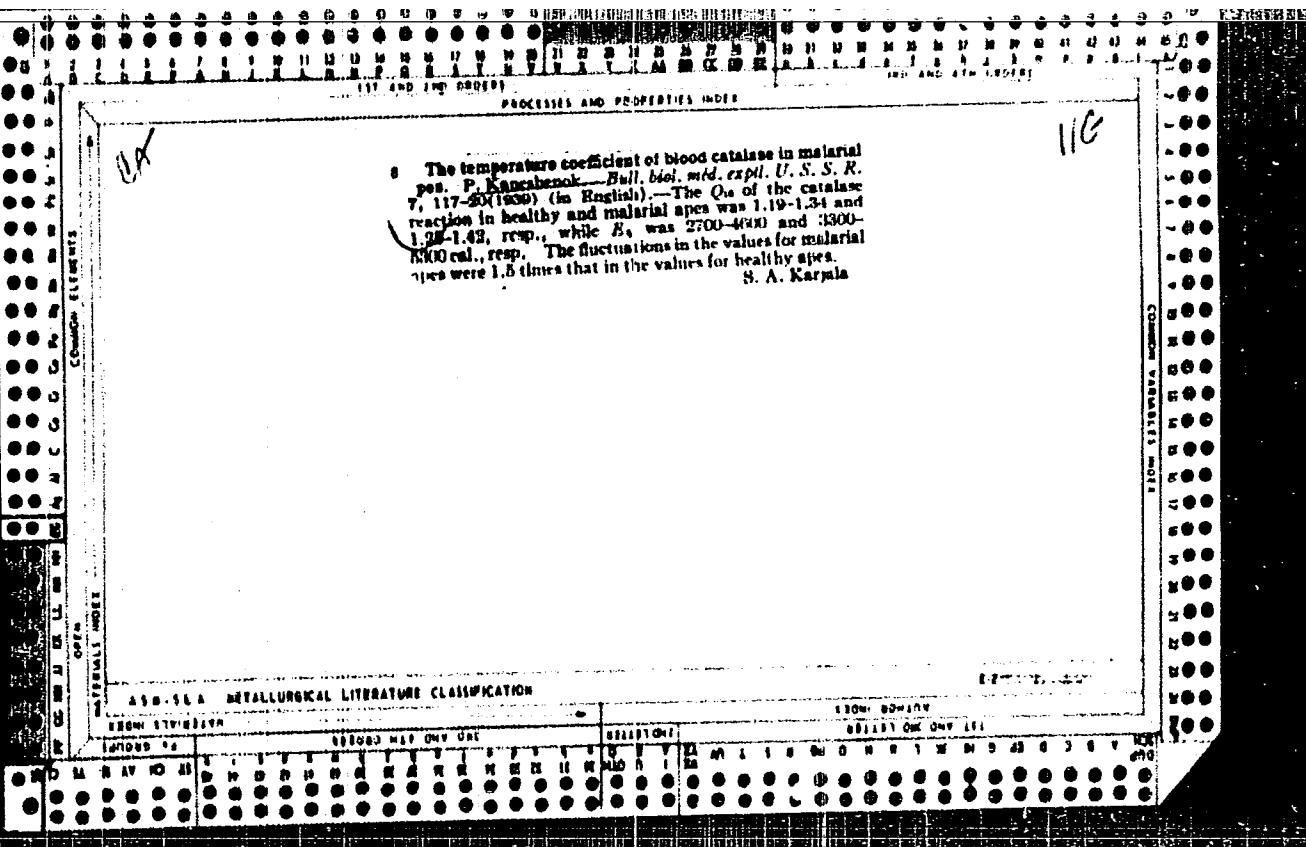
Card 2/2



KANASHENOK, P. S.

"Determination of Peroxydase in the Presence of Katalase," Biokhim., 4, No.2,  
1939.

Dept. Enzymology, Chem. Div., All-Union Inst. Exptl. Med.



KANASHENOK, P. S.

The Content of Phosphorus Compounds in the Gastrocnemius Muscles after Crosscutting  
of the Tibial Nerve," p. 315

Problema Reaktivnosti i Patologii, Medgiz, Moscow, 1954,, 344pp.

U.S.S.R.

Variations in creatine content of rabbit gastrocnemis following trauma of the nervous system. P. S. Kanashenok (Inst. Pathophysiol. and Exptl. Therapy, Moscow). *Bull. Eksppl. Biol. i Med.* 38, No. 9, 36-8 (1954); cf. C.I. 49-38011. Two series of expts. were carried out. In the first series the left cerebral hemisphere was removed, in the 2nd the left tibial nerve was severed; 3 months after removal of the hemisphere the creatine of both gastrocnemis was detd., the left serving as control. The creatine content of the right muscle was found in some cases to be higher than that of the control. In the 2nd series the creatine content of both muscles was tested weekly for 5 weeks beginning with the 2nd week following the severance of the tibial nerve. The creatine content of the denervated muscle began to decrease after the first week, and the decrease became progressive throughout the length of the exptl. period.

A. S. Mickin

KANASHENOV, P.S.

Effect of efferent denervation of the extremity on the phosphoric compound content of skeletal muscles in rats. Biul. ekspl. biol. i med. 38 no.10:45-48 O '54. (MLRA 8:1)

1. Is laboratorii chastnoy patofiziologii i eksperimental'noy terapii (zav. kandidat meditsinskikh nauk A.M.Chernukh) Instituta patofiziologii i eksperimental'noy terapii (dir. akad. A.D. Speranskiy)

(EXTREMITIES, physiology,  
eff. of efferent denervation on phosphorus cpds. in skeletal musc. in rats)

(MUSCLES, metabolism,  
phosphorus cpds., eff. of efferent denervation of extremities in rats)

(PHOSPHORUS, metabolism,  
musc., eff. of efferent denervation of extremities in rats)

KANASHENOK, P.S.

USSR/Human and Animal Morphology - Lipoid Metabolism

R-3

Abs Jour : Referat Zhur - Biologii, No 16, 1957, 70479

Author : Kanashenok, P.S., Klyuhareva, M.M.

Title : Lipoid Content in the Calf Muscles in Rabbits After  
Severance of the Tibial Nerve.

Orig Pub : Biul. eksperim. biol. i medizini, 1956, 42, No 12, 36-39

Abstract : The left tibial nerve was cut in adult rabbits and  
after different intervals after the operation, the qu.  
of protein, lipoids and P proteins and lipoids was  
determined in the calf muscle. The destruction of  
motor innervation, leading to profound trophical chan-  
ges in the denervated skeletal muscle was accompanied  
by their increase in the qu. of lipoids and correspon-  
dingly of P.

Card 1/1

*Jab. Physiol & Pathology - Inst normal & pathological  
Physiology, AMS USSR*

- 96 -

KANASHEVICH, I.F., inzhener.

Wood gluing using thermosetting adhesives in high-frequency  
current fields. Der. prom. 5 no.10:17-18 0 '56. (MLRA 9:11)

1. Leningradskaya mebel'naya fabrika imeni Khalturina.  
(Gluing) (Induction heating)

KANASHEVICH, I.F., inspener.

Experiences of woodworking industries in Finland. Dar. prem, 6 no.5:  
27-29 My '57.  
(MIRA 10f6)

1. Leningradskaya mebel'naya fabrika no.3.  
(Finland--Woodworking industries)

KANASHEVICH, I.P.

KANASHEVICH, I.P.

Leningrad Furniture Factory No.3. Der. prom. 6 no.11:25-27 N '57.  
(MIRA 10:11)

1. Leningradskaya mebel'naya fabrika No.3.  
(Leningrad--Furniture industry)

KANASHEVICH, I.F.

Specialization and cooperation of furniture and woodworking enterprises of the Leningrad Economic Council. Der. prom. 12 no.3;  
16-18 Mr. '63. (MIRA 16:5)

1. Upravleniye ~~bel'noy i derevoobrabatyvayushchey~~ promyshlennosti  
Leningradskogo soveta narodnogo khozyaystva.  
(Leningrad Province--Furniture industry)  
(Leningrad Province—Woodworking industries)

CHURSIN, G.P., SHIROKIIY, V.K., KANASHEVICH, V.I.

New supplementary operating program for the AI-100-l pulse height analyzer. Izv. AN SSSR. Ser. fiz. 29 no.7:1233-1235 Jl '65. (MIRA 18:7)

Kalinin Service Yes.

The effect of organic-mineral granules of superphosphate on the microflora of the soil. A. A. Tsutulik and N. I. Klinashovich. Stepanov, Bouch. *Trudm. Inst. Selskogo Selsk. Khoz., Akad. Nauk SSSR*, 1953, No. 2, 168-81; *Referat. Zhur.*, 1953, No. 5951. — Expts. were performed with oats on light loamy soils. A comparative study was made among the effects of powd. superphosphates with com, coarse granulated, neutralized granulated, and org.-mineral neutralized granulated superphosphates with peat and compost as the base in a 3:1 ratio of org. matter to superphosphate. To each 7 kg. of soil were added:  $\text{NH}_4\text{NO}_3$  1.5 g.,  $\text{KCl}$  0.9 g., and superphosphate 1.0 g. Microbial counts were made at the stages of bunching, blooming, and milk ripening of the seeds. Exams. were the fertilizer granules and soil surrounding them to a radius of 0-1 and 1-2 cm. Separate counts were made of the total microorganisms, actinomycetes, spore bearers, the amine-producing fungi and fatty acid-producing and ammonia-fixing bacteria. Simultaneously dens. were made of free  $\text{H}_2\text{PO}_4^-$ . The org. acid-mineral-granular fertilizers enhance the population of microorganisms in the soil. The nature of the fertilizer granule influences the rate of increase in the soil microorganisms as well as the character of the microflora. Most favorable to the growth of microorganisms proved to be org. mineral neutralized granular superphosphate mixed with peat or compost, especially as regards nitrification bacteria, and the least favorable were the finely powd. superphosphates. The highest concn. of  $\text{Py}_2\text{O}_7$  around the granule in the soil was found in connection with coarse com. granular superphosphates. Oat plants developed best in exptl. pots fertilized with org.-mineral neutralized and coarse com. superphosphate granules. Poorest development of oat plants was recorded in exptl. pots fertilized with finely powd. neutralized superphosphates. The no. of microorganisms in the soil during the formation of the tubercles exceeded the no. found during the ripening stage of the oats.

B. S. Levine

KANASHINSKIY, D. A.

What is electrification. Moscow, Gosizd., 1927. 76 p.

KANASHKIN, I.A., inzh.; ONISHCHENKO, Z.A., inzh.

Facing materials with an extra-thin veneer base. Doc. prom.  
10 no.8:11.-12 Ag '61. (MIRA 14:8)

1. Ukrainskiy nauchno-issledovatel'skiy institut mekhanicheskoy  
obrabotki drevesiny.  
(Veneers and veneering)

KANASHKIN, I.A.; REVDA, T.M.

Methods and systems for drying 0.2-0.5 mm microveneer and veneer.  
Bum. i der. prom. no.131-33 Ja-Mr '65.

(MIRA 1810)

KANASHKIN, Ye.I.

New form of concentration-lines equations for rectification  
columns. Izv. vys. ucheb. zav.; neft' i gaz 6 no.7:65-71 '63.  
(MIRA 27:8)

I. Sel'vatskiy fakultet Ufimskogo nef'tyanogo instituta.

KANASHKIN, Ye. K.

Calculating the thermal regime of a rectifier taking into consideration the change in weight of its internal flows. Izv. vys. ucheb. zav.; neft' i gaz 7 no.8:63-67 '64.

(MIRA 17:10)

1. Altayskiy politekhnicheskiy institut.

KHANASHIKO, M.I.

MARGULIS, David Konstantinovich; GAVRILOV, V.N., inzhener, retsenzent;  
KANASHKO, P.T., inzhener, retsenzent; KATSEV, Z.V., inzhener, retsenzent;  
SHABASHEV, S.P., kandidat tekhnicheskikh nauk, redaktor; YERMAKOV,  
N.P., tekhnicheskiy redaktor

[Broaches for variable cutting; construction and design] Protiazhki  
peremennogo rezaniia; konstruirovaniye i raschet. Moskva, Gos.  
nauchno-tekhnik. izd-vo mashinostroit.lit-ry, 1956. 219 p. (MLRA 10:8)  
(Cutting tools)

KANASHKOV, G., traktorist-mashinist

Work on an excavator. Sel'.mch. no.3:25 '62. (MIRA 15:3)

1. Sovkhoz "Orlovskiy", Nazyvayevskiy rayon, Omskaya oblast'.  
(Excavating machinery)

KANASHOV, A.N., inzh.

Telescopic arms on truck-mounted cranes. Makh.stroi. 20 no.5:  
12-13 My '63. (MIRA 16:4)  
(Cranes, derricks, etc.—Equipment and supplies)

"APPROVED FOR RELEASE: 08/10/2001

CIA-RDP86-00513R000620320014-3

KANASHOV, N.M.

Steel pipe couplings used in laying pipelines; discussion.  
Energ.biul. no.4:14-15 Ap '57.  
(MLRA 10:5)  
(Pipe fittings)

APPROVED FOR RELEASE: 08/10/2001

CIA-RDP86-00513R000620320014-3"

~~KANASHOV N.M.~~

Simplifying the wiring diagram of electric equipment used in  
petroleum refineries. Energ.biul. no.6:10 Je '57. (MIRA 10:7)  
(Electric wiring)

KANASH, N.I.

Should one install two high-power transformers for open distributors  
in compressor stations? Stroi. truboprov. 9 no. 11830-37 N 164.

I. Montazhnoye upravleniye No.10 trasta No.8, Katovo, Gor'kovskoy  
obz.

(MIRA 18:2)

GATSULAYEV, S.S.; KANASHUK, V.F.; REZNICHENKO, G.D.; SLAVITSKAYA, O.A.

Combined planning of the development of a non-commercial gas field with a large gas-potential region. Gosp. delo no. 6:7-14 '64.  
(MIRA 17:8)

1. Stavropol'skaya krayevaya nauchno-issledovatel'skaya laboratoriya Vsesoyuznogo nauchno-issledovatel'skogo instituta prirodnogo gaza.

GATSULAYEV, S.S.; KANASHUK, V.F.

Accelerated programming of the development of gas and gas-condensate fields. Gaz. prom. 10 no. 7-4-6 '65.

(MIRA 18:8)

KANASIEWICZ, Jerzy; UBERNA, Janusz

New occurrences of uranium mineralization in connection with the  
structure of the Leszczyniec trough. Przegl geol 9 no.8:433-434  
Ag '61.

1. Instytut Geologiczny, Warszawa, ul. Rakowiecka 4.

KANASIEWICZ JERZY

*(b)*  
Warsaw, Prace nad Geologią, Vol. 10, No 1 (1962). January  
1962 (continued)

11. Alfonso KOTZIA and Katalin MROŻEK; pp 22-37.  
(English summary).
12. Geomorphic Models for the Reconstruction of the Glacial  
Composition of Underground Waters; Czyt. dok. do  
Geological Institute, Inst. Geol. (Polish version);  
pp 26-35.
13. On the Migration of Some Upper Cretaceous Fossils  
Leers, Katarzyna POLAKOWA; pp 10-11.
14. Jurassic Period in the Western Part of the Pre-  
Bergue Massif, Krzysztof LAMPIONEK of the Geological  
Institute; pp 46-57.
15. Remarks on the Tectonic Structure of the "Ulikowska  
Syncl." - Jerzy KANASIEWICZ of the Geological Institute;  
pp 58-61.
16. On the Amber in the Sedimentary Deposits of the Lublin  
Upland, Katarzyna PŁONIŃSKA of the Geological In-  
stitute; p 62.
17. Second Nivonian Conference, a Summary  
SŁUBICKI of the Academy of Mining and Metallurgy  
(Akademia Górniczo-Hutnicza); p 30.
18. Mineral Ores of Nigeria and their Economic Value;  
Adam MROŻEK of the Geological Institute;  
pp 52-55.

1107

— 2/2 —

KANASIEWICZ, Jerzy

Notes on the tectonic construction of the Wilkoszyn  
trough. Przegl geol 10 no.1:48-49 Ja '62.

1. Instytut Geologiczny, Warszawa.

KANASIEWICZ, Jerzy

Uranium mineralizing phenomena in the coal of the Chrzanow region.  
Przegl geol 11 no.2 106-107 F '63.

1. Instytut Geologiczny, Warszawa.

KANSAI, Japan, Univer

Pencil made of a bell capable to write on metal surface. Radiotech-  
nika 14 no.7 273 Jl 164.

S/058/62/000/004/043/160  
A058/A101

AUTHORS: Palatbekov, P. P., Kanatbayev, A.

TITLE: Determination of arc temperature from magnesium lines

PERIODICAL: Referativnyy zhurnal. Fizika, no. 4, 1962, 28-29, abstract 4V211  
("Sb. nauchn. rabot Kafedry optiki i Kafedry eksperim. fiz.  
Kazakhsk. un-t", 1960, no. 2, 115-118)

TEXT: The temperature of the AC arc between carbon electrodes was determined by measuring the intensity ratios of the Mg II 2782.97 and 3336.69 lines. These Mg lines are free from self-reversal incident to magnesium oxide content up to 30%. The obtained results are satisfactorily consistent with the data in the literature.

[Abstracter's note: Complete translation]

Card 1/1.

~~KANATCHIKOV, A.~~; RUMYANTSEV, A.; YARYGIN, A.

Industrial wages for assembly-line work. Sots. trud 6 no.11:69-  
75 N '61. (MIRA 14:11)  
(Leningrad--Assembly line methods)  
(Leningrad--Wage payment systems)

KANATCHIKOV, A.; RUMYANTSEV, A.; YARYGIN, A.

Wages for assembly-line work. Sots.trud 7 no.7:106-112 Jl  
'62. (MIRA 15:8)

1. Laboratoriya promyshlenno-ekonomiceskikh issledovaniy  
Leningradskogo soveta narodnogo khozyaystva.  
(Leningrad--Telephone, Automatic--Equipment and supplies)  
(Assembly-line methods) (Wage payment systems)

*Romanov, D.A.*  
GERCHIKOV, Ya.I., inzh.; KANATCHIKOV, V.M., inzh.

Building and mounting corrugated thin-sheet superstructures  
on tugboats. Sudostroenie 23 no.9:36-39 S '57. (MIRA 10:12)  
(Tugboats) (Shipbuilding)

GULAYA, N.K.; KANATCHINOVA, M.K.

Microflora and chemical composition of soils of the Ust'-Kamenogorsk Reservoir. Trudy Inst. mikrobiol. i virus. AN Kazakh. SSR 5:104-114 '61.

(MIRA 15:4)

(Ust'-Kamenogorsk Reservoir--Soil micro-organisms)  
(Soil chemistry)

KANATCHINOVA, M.K.

Dynamics of the microelement content in the medium in the  
anaerobic decomposition of manure. Izv. AN Kazakh. SSR.  
Ser. biol. nauk 3 no.4:24-33 Jl-Ag '65. (MIRA 18:11)

ILYAEVTDINOV, A.N.; KANATCHINOVA, M.K.

Microbiological transformations of sulfur compounds in periodically flooded soils of Kzyl-Orda Province. Mikrobiologija 33 no.1: 118-125 Ja-F '64. (MIRA 17:9)

1. Institut mikrobiologii i virusologii Kazakhskoy SSR, Alma-Ata.

KANATKO, Ye.I.; SINITSYN, M.Ya.

Kitchen furniture styles. Der.prom. 9 no.9:21-22 S '60.

1. Ukrainskiy nauchno-issledovatel'skiy institut mekhanicheskoy  
obrabotki drevesiny (for Kanatko).  
(Kitchen cabinets)

KANATOV, I.I., inzhener

Removing bog peat by exploding continuous horizontal charges. Transp.  
stroi.5 no.6:15-17 Ag'55. (MIRA 8:12)  
(Railroads--Earthwork)

L 00814-67 EWT(m)

ACC NR: AP8027570

(N) SOURCE CODE: UR/0401/66/000/006/0026/0027

AUTHOR: Kanatov, I. (Colonel; Docent; Candidate of technical sciences);  
Shcherbakov, O. (Engineer; Captain)

ORG: none

TITLE: Simplest shelters offer good protection

SOURCE: Starshine-serzhant, no. 6, 1966, 26-27

TOPIC TAGS: fallout shelter, radiation shielding, nuclear blast effect

ABSTRACT: The authors analyze the effects of nuclear blasts <sup>19</sup> and discuss various types of basic shelters for use by the military. The simplest shelter described consists of a split trench 150 to 180 cm deep, 120 cm wide at the top and 50 to 60 cm wide at the bottom. The length is 50 to 60 cm per seated person and 180 cm per reclining person. A more elaborate and effective version of the same is lined with logs at least 12 cm thick, concrete slabs, firewood, or rocks. A larger version of the split trench is 140 to 160 cm wide at the top and 100 to 120 cm wide at the bottom and is 180 cm deep. It is equipped with pallets. The author notes that a 60-cm earth

Card 1/2

L 00814-67

ACC NR: AP6027570

cover reduces radiation effects 25 times. Other types of simple shelters described are recesses or niches and nine-shaft-type dugouts. The niches can be installed in the sides of ditches, in slopes or excavations, and are usually 70 x 70 cm in cross section and 160 to 180 cm long, with a protective earth cover at least 75 cm thick. The walls are reinforced with planking, end poles and slabs. The nine shaft dugouts are made to hold one or two men, are 180 to 200 cm deep, and have a 100 x 100 cm cross section. The walls are reinforced with firewood, round concrete rings, or cross bars if the soil is loose. [GC]

SUB CODE: 15, 18 / SUBM DATE: none /

Card 2/2 vlr

KANATOV, I.I., inzhener.

Minimum height for railroad embankments on marshes of the first  
type. Transp.stroi. 6 no.1:19-21 Ja '56. (MLRA 9:5)  
(Railroads--Earthwork)

L 7003-66  
ACC NR: AF5026767

DWT(1)

GW

SOURCE CODE: UR/0286/65/000/017/0072/0072

AUTHOR: Polosin, Yu. K.; Kanatov, I. I.; Akent'yev, V. S.

ORG: none

TITLE: A device for semiautomatically charting a profile of the earth's surface from topographic maps. Class 42, No. 174377

SOURCE: Byulleten' izobretений и товарных знаков, no. 17, 1965, 72

TOPIC TAGS: cartography, earth science instrument, electric measuring instrument, drafting instrument 10.44.55

ABSTRACT: This Author's Certificate introduces a device for semiautomatically charting a profile of the earth's surface from topographic maps. The instrument contains a mechanical profilograph, a unit for monitoring and control, and units for extraction of information. To simplify the design and to obtain information on the local terrain in digital form, machine code, or as a graph, the profilograph is made in the form of a curvometer mechanism with a roller which is connected through gearing to an electrically conductive coding disc. Brushes contacting the disc are used to convert linear motion to electrical pulses which are then counted by reversible counters with the results being transmitted to the information extraction unit.

UDC: 528.543

Card 1/2

09011937

L 7003-66

ACC NR: AP5026787

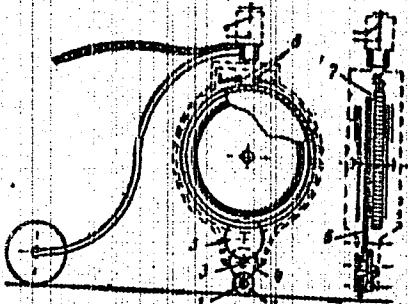


Fig. 1. 1--measurement roller; 2-6--gearing;  
7--coding disc; 8--contact brushes

SUB CODE: ES,IE,EE/

SUBM DATE: 11Jul64/ ORIG REF: 000/ OTH REF: 000

nW

Card 2/2

KANATOV, O.R., Eng.; YARUSHIN, M. I., Eng.

Yegorlyk Valley - Canals

Kuban' Valley

Mechanization of earthwork during the construction of the Kuban'-Yegorlyk irrigation system. Gidr. i mel. 1/4 No. 8, 1952

9. Monthly List of Russian Accessions, Library of Congress, December ~~1952~~, Uncl.  
1952

KANATOV, P.E.

CHIZHOV, D.G.; KOGTEV, G.I.; LAVRENENKO, K.D.; SPIRIN, S.A.; NEKRASOV, A.M.;  
IVANOV, M.I.; UFAYEV, M.Ya.; GRISHIN, I.K.; KOSTIN, M.F.; POPOV, V.A.;  
ZAGORODNIKOV, P.I.; FEDOTOV, P.N.; KAZ'MIN, A.V.; FOMICHEV, G.I.;  
YERSHOV, P.I.; MNSHCHERYAKOV, V.I.; YEFREMOV, S.G.; LEVIN, I.S.;  
LETUCHEV, L.I.; BUL'YANOV, M.N.; OBOLOONKOV, M.I.; BATENIN, B.A.;  
BUR'YANOV, B.P.; KANATOV, P.I.; KOKOREV, S.V.

Nikolai Alekseevich Andreev. Elek. sta. 27 no.10:62 0 '56.  
(Andreev, Nikolai Alekseevich, 1897-1956) (MLRA 9:12)

KANATOV, T.V., inzh.; MASLYANNIK, B.D., inzh.

Operation and maintenance of building machinery. Energ.stroi.  
no.23:137-142 '(1.  
(MIRA 15:1)

1. Glavnnyy mekhanik stroitel'stva Kremenchugskoy gidroelektrostantsii  
(for Kanatov). 2. Glavnnyy inzh. Upravleniya mekhaniizatsii stroitel'-  
stva Kremenchugskoy hidroelektrostantsii (for Malyannik).  
(Kremenchug Hydroelectric Power Station--Design and construction)  
(Building machinery)

KANATOV, YU. V., LEVI, M. I., VAL'KOV, B. G. and SHTEL'NAN, A. I.

"Experimental Plague in Different Populations of Meridional Voles."

Tenth Conference on Parasitological Problems and Diseases with Natural Reservoirs, 22-29 October 1959, Vol. II, Publishing House of Academy of Sciences, USSR, Moscow-Leningrad, 1959.

Elistinskaya Anti-Plague Station

LEVI, M.I.; VAL'KOV, B.G.; SHTEL'MAN, A.I.; KANATOV, Yu.V.

Experimental plague among different populations of southern gerbils  
(M.meridianus Pall.). Sbor. nauch. rab. Elist. protivochum. sta.  
no. 1:43-64 '59. (MIRA 13:10)  
(COLGA DELAT REGION--PLAQUE) (BERBILS)

VAL'KOV, B.G.; KANATOV, Yu.V.; VAL'KOVA, Ye.R.

Sensitivity to the plague microbe and toxin of young susliks from  
various geographic regions. Sbor. nauch. rab. Elist. protivochum.  
sta. no. 1:85-92 '59. (MIRA 13:10)  
(SUSLIKS) (PLAQUE)

LEVI, M.I.; NOVIKOVA, Ye.I.; MINKOV, G.B.; OPTYAKOVA, A.F.; SHTEL'MAN, A.I.;  
KANATOV, Yu.V.

Serological studies in plague. Report No.1: Detection of antibodies  
in sera of experimentally infected animals by means of the passive  
hemagglutination reaction. Zhur.mikrobiol., epid. i immun. 32  
no.10:86-91 G '61. (MIRA 14:10)

1. Iz Astrakhanskoy i Elistinskoy protivochumnykh stantsiy.  
(PLAQUE) (BLOOD—AGGLUTINATION)  
(ANTIGENS AND ANTIBODIES)

SUCHENKOV, Yu.G.; KANATOV, Yu.V.

Sensitization of formalinized erythrocytes with immune ~~globulins~~ globulins. Zhur. mikrobiol., epid. i imun. 42 no.3:63-67 Apr 1965.

(MIRA 18:9)

I. Rostovskiy-na-Donu nauchno-issledovatel'skiy protivoepizemnyy institut.

KANATOVA, K.I.

Name: KANATOVA, K. I.

Dissertation: Comparative anatomy of the intramuscular arteries of the quadricep muscle of the femur of mammals

Degree: Cand Biol Sci

Defended at

Academy: Min Higher Education USSR, Kazakh State Veterinary Inst

imani N. E. Bauman

Publication

Defense Date, Place: 1956, Kurgan

Source: Knizhnaya Letopis', No 47, 1956

KANATOVA, R. F.

"Experimental Investigations of the Characteristics of Ultrasound Propagation in solutions of electrolytes."

report presented at the 6th Sci. Conference on the Application of Ultrasound in the investigation of Matter, 3-7 Feb 1958, organized by Min. of Education RSFSR and Moscow Oblast Pedagogic Inst. im. N.K. Krupskaya.

KANATHOUA, R.F.

NAME & BOOK EXPLOITATION 807/5207  
 Vsesoyuznaya konferentsiya professorov i prepodavateley pedagogicheskikh institutov  
 Prilozheniye ul'trakvazifrekvensii k zadaniyam vychibatstva (Utilization of Ultrasonics  
 Printed. (Series: Ite Trudy, No. 20, Leningrad, 1960. 267 p., 1,000 copies  
 Ed. (Title page). V.I. Kostrov, Professor and B.B. Kulyarzhev, Professor.

PURPOSE: This collection of articles is intended for physicists specializing  
 in the physics of ultrasound.

CONTENTS: The collection of articles constitutes the transactions of the VII Conference on the Applications of Ultrasound to the Study of Materials, which was held at the Moscow Oblast Pedagogical Institute named N.K. Krupskaya. The articles of the collection discuss various problems in the wave mechanics of ultrasound, the absorption and propagation mechanisms of ultrasound waves in various media, the operating principle and design of generators and receivers of ultrasonic waves, the speed of sound and methods for its determination. Other articles deal with the applications of ultrasound to investigation of the properties of materials. No personalities are mentioned. References are included.

## Utilization of Ultrasound (Cont.)

807/5207

- Aleksandrov, N.P., and B.I. Kulyarzhev [Moscow Oblast Pedagogical Institute named N.K. Krupskaya]. Propagation of Sound in Disperse Media 163
- Kal'yancik, B.L. [Moscow Pedagogical Institute]. Determination of the Speed of Ultrasound From the Periodic Variations of the Phase Relations of Two Acoustic Pulses 175
- Kanatova, E.M., and B.B. Kulyarzhev [Moscow Oblast Pedagogical Institute named N.K. Krupskaya]. Speed of Sound in Aqueous Solutions of  $\text{KNO}_3$  181
- Shil'yarev, A.B., and B.I. Kulyarzhev [Leningrad Pedagogical Institute named N.K. Krupskaya], Institute of Physics, and V.S. Tikhonov [Leningrad Polytechnical Institute]. Investigation of the Propagation of Ultrasound Waves in Three-Diquid Mixtures Where Concentrations Have Different Interactions Patterns 191
- Kosche, M.P., and I.S. Kulyarzhev [Moscow Oblast Pedagogical Institute named N.K. Krupskaya]. Application of Acoustic Measurements in the Study of Density Fluctuations in Liquids 201
- Golobol'skii, A.A. [Moscow Oblast Pedagogical Institute named N.K. Krupskaya]. Diffraction of Light on Damped Ultrasonic Waves 205
- Perepechko, I.I., and V.P. Matveev [Moscow Oblast Pedagogical Institute named N.K. Krupskaya]. New Method Using Interferometer to Measure Absorption of Ultrasound 213
- Schirshchik, M.D. [Moscow Oblast Pedagogical Institute named N.K. Krupskaya]. Investigation of the Speed of Propagation and Absorption of Ultrasound in Liquid Phase Isotely Alcohol Near the Critical Region 219
- Ilyinets, I.G. [Moscow Oblast Pedagogical Institute named N.K. Krupskaya]. Investigation of Temperature Dependence of Critical and Volumetric Viscosity of Certain Organic Liquids in the Critical Region 225
- Rozin, M.P., and V.S. Tikhonov [Leningrad Polytechnical Institute]. Institute for Measuring the Intensity of an Ultrasonic Field in Conducting Liquids 233
- Perepechko, I.I., and V.P. Matveev [Moscow Oblast Pedagogical Institute named N.K. Krupskaya]. Relaxation Effect in Van Der Waals Gases 239
- Melnikov, I.G. [IZFT Inst. V.I. Ulyanov (Lenin)]. Leningrad Electrotechnical Institute named V.I. Ulyanov (Lenin). Absorption of Ultrasonic and Super-sonic Waves in Certain Crystals 247
- Tsvetkov, V.P. Lecture Note Demonstrations With Ferrite Ultrasonics 253
- Bulletin 265

AVAILABLE: Library of Congress (G-244, v82)

JA/Rus/exp

(17)

KUDRYAVTSEV, D.B.; KAMATOVA, R.P.

Relation between the velocity of sound in solution and  
heat of hydration of a dissolved salt. Zhur.fiz. Khim.  
39 no.11:2810-2812 N '65.  
(MIRA 18:12)

SAMOYLOVSKIY, Mikhail Borisovich, prof.; KANAUROV, I.N., kand. tekhn. nauk, retsenzent; GRABILIN, Yu.N., gornyy inzh., retsenzent; KRASOVSKIY, I.P., gornyy inzh., retsenzent; CHERNEGOVA, E.N., red. izd-va; MAKSIMOVA, V.V., tekhn. red.

[Supporting vertical mine shafts] Kreplenie vertikal'nykh stvolov shakht. Moskva, Gosgortekhizdat, 1962. 251 p.  
(MIRA 15:11)

(Mine timbering)

*KANAVALOV, Ye.G.*

SEVERDZENKA, V.P.; GOREU, K.V.; BADZYAKA, M.N.; KANAVALOV, Ye.G.

Development of the metalworking industry in White Russia.

Vestsi AN BSSR Ser. fiz.-tekhn. nav. no.3:21-31 '57.

(MIRA 11:1)

(White Russia--Machinery industry)

L 36309-66 EWP(k)/EWT(d)/EWT(n)/T/EWP(v)/EWP(t)/ETI/EWP(l) IJP(c) JD/JW  
ACC NR: AP6017290 SOURCE CODE: UR/0201/65/000/004/0128/0129

AUTHOR: Kanavalaw, Ya. R.; Pavets'yew, Ya. H.

67  
C

ORG: none

TITLE: Metals for studying the ultrasonic absorption as a function of residual stresses in metals

SOURCE: AN BSSR. Vestsi. Seryya fizika-tehnichnykh navuk, no. 4, 1965, 128-129

TOPIC TAGS: ultrasonic absorption, ultrasonic vibration, piezoelectric crystal, absorption coefficient, ~~metal ultrasonic absorption~~ METAL STRESSES

ABSTRACT: A pulse ultrasonic device has been designed for investigating the dependence upon residual stresses of the ultrasonic absorptions in metals. The device makes it possible to measure the absorption in the frequency band from 10 to 50 mcps. X-cut piezoelectric crystal plates with the natural frequencies of 10, 13, 15, 17, and 25 mcps were used to excite ultrasonic vibrations. The absorption

Card 1/2

Card 2/2

ACCESSION NR: AP3010439

S/0201/63/000/003/0098/0100

AUTHOR: Kanavalov, Ya. R., Germanovich, I. M.

TITLE: Effect of high frequency [ultrasonic] vibrations on the penetration of lubricant-coolant fluids into the cutting zone during mechanical broaching of metals

SOURCE: AN BSSR. Izvestiya. Seriya fiziko-tehnicheskikh nauk, no. 3, 1963, 98-100

TOPIC TAGS: cutting tool lubricant, coolant liquid, coolant-lubricant, ultrasonic effect, ultrasonic machining, metal machining, machine tool lubricant

ABSTRACT: The use of ultrasonic vibrations increases the efficiency of certain machining operations where combined lubricant-coolant fluids are used. Several investigations have been devoted to studying the beneficial effects of the ultrasound. The thesis of this investigation was that the ultrasound increases the capillary flow rate and total (final) capillary height that the lubricant-coolant can attain, so that the fluid can flow more efficiently through the channels cut by the tools. The flow rates in capillaries of pure water, machine oil and an

Card 1/2

ACCESSION NR: AP3010439

emulsion based on commercial sciddl were measured between 10 and 70 C under the influence of ultrasound. The ultimate capillary hight was attained by the liquids in all cases before the ultrasound was applied, and this hight was taken as the datum, so that the influence of pure capillary forces was eliminated. Flow rates in the capillaries ( $d = 0.484, 0.2888$  and  $0.120$  mm) increased with temperature for all the fluids. This could be related to a decrease in viscosity. The flow rate was greater for the emulsion than for the machine oil, but both behaved analogously. Orig. art. has two (2) graphs.

ASSOCIATION: none

SUBMITTED: 00

DATE ACQ: 04Oct63

ENCL: 00

SUB CODE: ML, FL

NO REF Sov: 004

OTHER: 000

Card 2/2

S/194/61/000/012/071/097  
D273/D301

AUTHORS: Kanavalay, Ya. R. and Yafremay, V. I.

TITLE: Influence of ultrasonic oscillations on the toughness  
and plasticity of brass

PERIODICAL: Referativnyy zhurnal, Avtomatika i radioelektronika,  
no. 12, 1961, 16, abstract 12E91 (Vestsi AN BSSR,  
Ser. fiz.-tekhn. n. 1960, no. 4, 93-98)

TEXT: The influence of ultrasound on the toughness and plasticity  
of 2-phase brass tape №59(L59) was studied. The experiments made  
use of a tube ultrasonic generator, together with a Р412(G412)  
tube in the first cascade and 2 parallel switching valves РК71  
(GK71) in the second. The output power of the generator was 300  
volts. Launching of the ultrasound was done by a magnetostrictor  
with a triple rod assembly to which was joined a step concentrator.  
The concentrator had a reinforcing flange at the nodal plane and  
was fixed to the vibrator by a special nut of the same material,  
soldered to the assembly by brass solder. The plane of the joint

Card 1/3

S/194/61/000/012/071/097  
D273/D3C1

Influence of ultrasonic ...

✓  
was polished. The fixing was carried out using a small tack. The vibrator was enclosed in a steel cylinder and fastened to it by a flange. Cooling the cylinder was effected by running water. The acoustic head was protected from the vibrations of the chopper by some sponge on the upper part. At the lower end, the concentrator end was soldered to the studied sample (brass wire of diameter 1 mm). The amplitude of the oscillations was measured with a microscope. After sounding and without unsoldering from the concentrator, the sample was discharged at room temperature. The sounding took place at 34 Kc/s at an amplitude of 0.0125 mm. Results of the experiment are given. The ultrasonic oscillations cause a simultaneous decrease in toughness and plasticity of the brass; thus after 15 seconds of sounding the toughness was reduced by 9% and the relative elongation decreased by 50%; when sounding lasted more than 15 seconds, the sample was destroyed. Ultrasound causes a lowering of all the characteristics of static toughness of brass and a decrease in the work needed to cause destruction of the sample. Sounding in amorphous brass leaves the toughness and plasticity

Card 2/3

S/194/61/000/012/071/097  
D273/D301

Influence of ultrasonic ...

practically unchanged. The suggestion is made that lowering the toughness of brass as a consequence of sounding is connected with the transition of the metal in the stable state, and the simultaneous decrease in plasticity, and with the shattering of the crystal structure. The hypothesis is argued upon that the toughness of brass decreases as a consequence of the lowering of temperature with sounding time. 3 figures. 3 tables. 9 references. / Abstractor's note: Complete translation. /

✓

Card 3/3

L 9029-56 EWT(d)/EWT(m)/EWP(w)/EWA(d)/T/EWP(t)/EWP(z)/EWP(b)/EWA(h) IJP(c)  
ACC NR AP5022946 MJW/JD/EM UR/0201/65/000/002/0124/0126

AUTHOR: Kenavalev, Ya.R.; Remizowski, E.I.; Dawydzala, I.G.

TITLE: Effect of preliminary cyclic loads of ultrasonic frequency on the creep rate of copper and D16T alloy.

SOURCE: AN FSSR. Vestsii. Seryya fizika-tehnichnykh nauk, no. 2, 1965, 124-126

TOPIC TERMS: cyclic load, creep, oscillation, ultrasonic frequency, hardening, aluminum alloy, copper

ABSTRACT: This study was carried out with M1 copper and D16T aluminum alloy. The experimental data show that 1) preliminary application of cyclic loads of ultrasonic frequency drastically reduces the creep rate of the copper and aluminum alloy due to hardening, 2) the creep of copper samples loaded at static stress of +16.2 kg/mm<sup>2</sup> decreases 35.3% and at +21.5 kg/mm<sup>2</sup> about 61% as compared with that of nonloaded samples, 3) the creep of aluminum alloy decreases in the mean 30.6% as compared with the nonloaded samples, and 4) the degree of hardening depends mostly on the cyclic stress of the expansion and compression and to a lesser extent on the number of applied cycles. Orig. art. has: 2 figures and 4 formulas.

Card 1/2

L 9029-66

ACC NR: 1451022946

ASSOCIATION: none

SUBMITTED: 00

ENCL: 00

SUB CODE: 0

11,20

NO REF SOV: 009

OTHER: 000

Cord 2/2 p11

KANAVEC, I.F. [Kanavets, I.F.]; AKUTIN, M.S.; ROMASOVA, A.G. [Romashova, A.G.];  
KARPILEVIC, V.M. [Karpilevich, V.M.]

Problem of the optimal processing methods of polyformaldehyde injection molding. Chem prum 13 no.4:209-217 Ap '63.

1. Nauchno-issledovatel'skoy institut plastmass v Moskve.

L 3995-66	EWP(b)/EWA(d)/T/EWP(c)/EWP(z)/EWP(b)/EWA(h)	IJP(c)	MJW/JD
ACC NR:	IP5022943	UR/0201/65/000/002/0053/0058	
AUTHOR:	Karavala, Ya. R.; Skrypnichenko, A. L.	44.55 58 Q3	
TITLE:	(Changes in the mechanical properties of D16T alloy under the action of ultrasonic vibrations)		
SOURCE:	AN BSSR. Vestsi. Seriya fizika-tehnichnykh nauk, no. 2, 1965, 53-58		
TOPIC TAGS:	aluminum, aluminum alloy, alloy mechanical property, ultrasonic irradiation, alloy ultrasonic irradiation, irradiation effect/D16T alloy		
ABSTRACT:	<p>Parts of rocket and jet engines are subjected to transsonic and ultrasonic vibrations. The following experiments were undertaken to determine the effect of such vibrations on the mechanical properties of aluminum alloys.<sup>44.55</sup> Specimens of D16T [U. S. 2024] aluminum alloy, heat-treated, i.e., solution annealed, quenched, and naturally aged, or annealed at 370°C for 5 hr and furnace cooled, were subjected to tensile tests at 20—35°C with simultaneous application of ultrasound at a frequency of 20 kc and an amplitude of up to 0.012 mm. Ultrasound was found to decrease the strength characteristics of D16T alloy at all test temperatures, regardless of the previous heat treatment. For example, at room-temperature and an ultrasound amplitude of 0.012 mm, the tensile strength, elongation, and reduction in area of heat-treated alloy decreased 16 (from 53 to 44.5 kg/mm<sup>2</sup>), 90.5, and 63%, respectively. In annealed alloy irradiated with ultrasound with an amplitude of 0.006 mm, the corresponding decreases were 13.5, 50, and 18%. In the heat-treated alloy at elevated temperatures, the decrease in tensile strength varied from 11 to 40%, in elongation from 33 to 72%.</p> <p>Cord 1/2</p>		

L 3000-56

ACC NR: AP5022943

and in reduction of area from 10 to 51%, depending on temperature. Ultrasound lowers the stress required to achieve a definite deformation; the magnitude of the decrease depends linearly on the vibration amplitude. The mechanical properties of D16T alloy under the effect of ultrasound deteriorated more rapidly as the vibration amplitude was increased. Orig. ext. has: 3 figures and 2 tables. [NS]

ASSOCIATION: none

SUBMITTED: 00

ENCL: 00

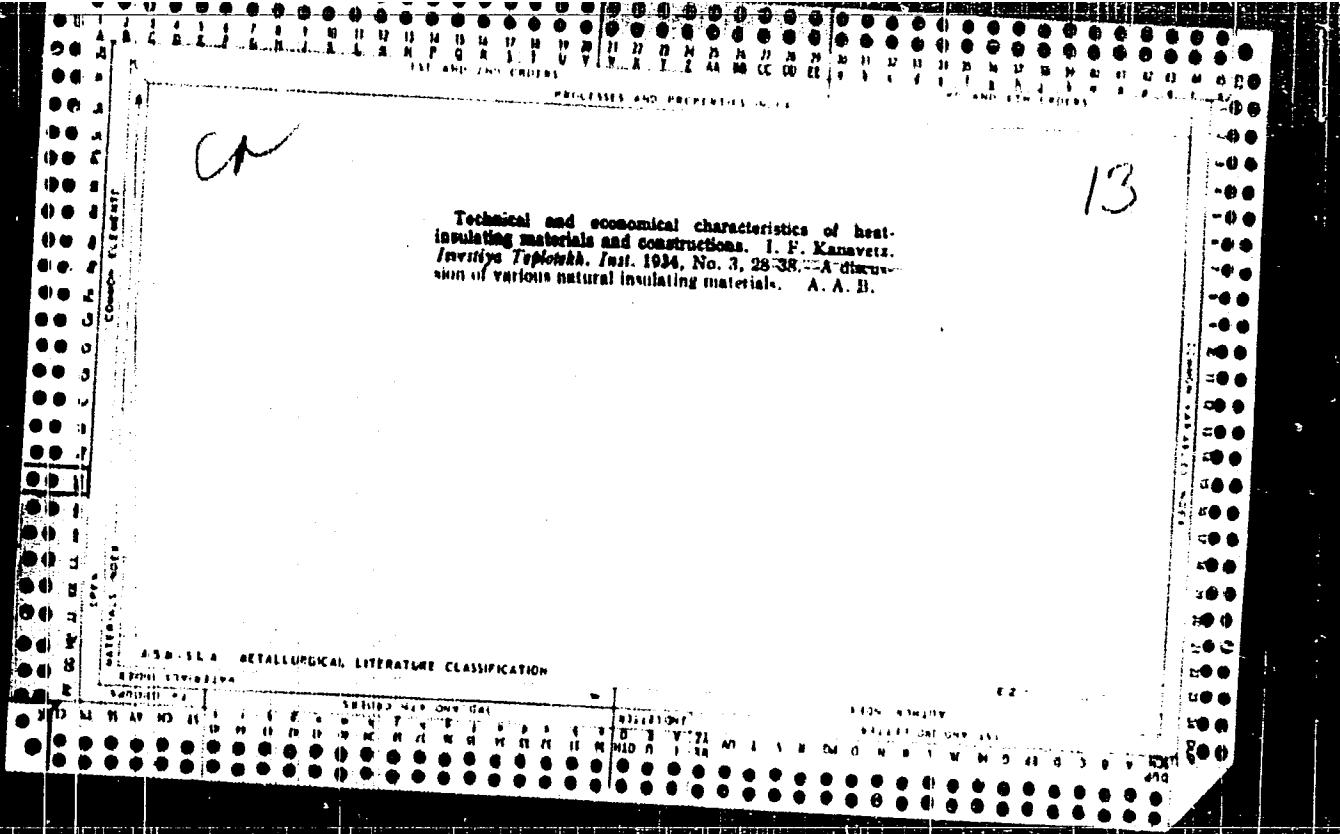
SUB CODE: MM, G-P

NO REF Sov: 005

OTHER: 004

ATD PRESS: 41/9

PC  
Card 2/2



**Deformation of pressed resinous products.** I. E. Kanzvet and A. I. Lebedev. *Org. Chem. Ind.* (U. S. S. R.) 5, 412-18 (1953).—From thermal tests of molded articles and examn. of transparent sheets of  $\text{PhOH}-\text{CH}_2\text{O}$  condensation products in polarized light it is concluded that the usual deformation and warping of plastic moldings is the result of increased internal strains caused by rapid cooling and a loss of volatile ingredients. The mech. properties of molded articles can be improved by a subsequent treatment at  $110-21^{\circ}$  and slow, uniform cooling. C. Blane

13

60

## **ASME-84 METALLURGICAL LITERATURE CLASSIFICATION**

**APPROVED FOR RELEASE: 08/10/2001**

CIA-RDP86-00513R000620320014-3"